840 Request for Quotation

<div align="right">

Functional Group ID=**RQ**

</div>

Introduction:

This standard provides the format and establishes the data contents of a request for quotation transaction set. The request for quotation transaction set provides potential buyers with the ability to solicit price, delivery schedule, and other items from potential sellers of goods and services.

Notes:

This implementation convention is SACONS application specific. "SACONS" includes the Army SAACONS version 2.5, SACONS Federal (Navy and Civilian Agencies), and Department of Interior IDEAS applications.

We have referenced SACONS specific information through out this documentation. For SACONS specific segment related notes, refer to the "Notes" field for each segment. SACONS specific data element notes are printed in italics, following the data element description.

Data Element Summary Legend - one of the following codes will appear to the left of each data element:

X = data element not used
>> = data element is mandatory
"blank" = data element is either optional or conditional

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BQT	Beginning Segment for Request for Quotation	M	1		
	030	NTE	Note/Special Instruction	F	100		
Not Used	040	CUR	Currency	O	1		
	050	REF	Reference Numbers	O	12		
	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	3		
	080	FOB	F.O.B. Related Instructions	O	1		
Not Used	090	CTP	Pricing Information	O	1		
Not Used	100	SSS	Special Services	O	25		
Not Used	110	CSH	Header Sale Condition	O	1		
Not Used	120	ITA	Allowance, Charge or Service	O	10		
Not Used	130	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
Not Used	140	DIS	Discount Detail	O	20		
	150	DTM	Date/time/period	O	10		

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Not Used	160	LDT	Lead Time	O	12		
Not Used	180	LIN	Item Identification	O	5		n1
Not Used	190	PID	Product/Item Description	O	200		
Not Used	200	MEA	Measurements	O	40		
Not Used	210	PWK	Paperwork	O	25		
Not Used	220	PKG	Marking, Packaging, Loading	O	200		
Not Used	230	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	250	TD3	Carrier Details (Equipment)	O	12		
Not Used	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	270	MAN	Marks and Numbers	O	10		
Not Used	280	RRA	Required Response	O	25		
			LOOP ID - N9			1000	
	290	N9	Reference Number	O	1		
	300	MSG	Message Text	O	1000		
			LOOP ID - N1			200	
	310	N1	Name	O	1		
Not Used	320	N2	Additional Name Information	O	2		
	330	N3	Address Information	O	2		
	340	N4	Geographic Location	O	1		
Not Used	350	REF	Reference Numbers	O	12		
Not Used	360	PER	Administrative Communications Contact	O	3		
Not Used	370	FOB	F.O.B. Related Instructions	O	1		
Not Used	380	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	390	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	400	TD3	Carrier Details (Equipment)	O	12		
Not Used	410	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	420	PKG	Marking, Packaging, Loading	O	200		
Not Used	430	RRA	Required Response	O	25		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - PO1			100000	
Must Use	010	PO1	Purchase Order Baseline Item Data	M	1		
Not Used	020	CUR	Currency	O	1		
Not Used	030	PO3	Additional Item Detail	O	25		
Not Used	040	CTP	Pricing Information	O	1		
Not Used	049	MEA	Measurements	O	40		
			LOOP ID - PID			1000	
	050	PID	Product/Item Description	O	1		
Not Used	060	MEA	Measurements	O	10		
Not Used	070	PWK	Paperwork	O	25		

Not Used	080	PKG	Marking, Packaging, Loading	O	200		
Not Used	090	PO4	Item Physical Details	O	1		
Not Used	100	REF	Reference Numbers	O	12		
Not Used	110	PER	Administrative Communications Contact	O	3		
Not Used	120	SSS	Special Services	O	25		
Not Used	130	ITA	Allowance, Charge or Service	O	10		
Not Used	140	IT8	Conditions of Sale	O	1		
Not Used	150	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
Not Used	160	DIS	Discount Detail	O	20		
Not Used	170	TAX	Tax Reference	O	3		
Not Used	180	FOB	F.O.B. Related Instructions	O	1		
Not Used	190	SDQ	Destination Quantity	O	50		
Not Used	200	DTM	Date/time/period	O	10		
Not Used	210	LDT	Lead Time	O	12		
Not Used	220	SCH	Line Item Schedule	O	104		n2
Not Used	230	FST	Forecast Schedule	O	>1		
Not Used	240	TD1	Carrier Details (Quantity and Weight)	O	1		
Not Used	250	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	260	TD3	Carrier Details (Equipment)	O	12		
Not Used	270	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	280	MAN	Marks and Numbers	O	10		
Not Used	290	RRA	Required Response	O	25		
			LOOP ID - SLN			1000	
Not Used	300	SLN	Subline Item Detail	O	1		
Not Used	310	PID	Product/Item Description	O	1000		
			LOOP ID - N9			1000	
Not Used	320	N9	Reference Number	O	1		
Not Used	330	MSG	Message Text	O	1000		
			LOOP ID - N1			200	
Not Used	340	N1	Name	O	1		
Not Used	350	N2	Additional Name Information	O	2		
Not Used	360	N3	Address Information	O	2		
Not Used	370	N4	Geographic Location	O	1		
Not Used	380	REF	Reference Numbers	O	12		
Not Used	390	PER	Administrative Communications Contact	O	3		
Not Used	400	FOB	F.O.B. Related Instructions	O	1		
Not Used	410	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	420	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	430	TD3	Carrier Details (Equipment)	O	12		
Not Used	440	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	450	PKG	Marking, Packaging, Loading	O	200		
Not Used	460	RRA	Required Response	O	25		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	CTT	Transaction Totals	M	1		n3
Must Use	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. If segment LIN is used, do not use LIN01.

2. The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.

3. The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

Segment:	**ST** Transaction Set Header		
Position:	010		
Loop:			
Level:	Heading		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To indicate the start of a transaction set and to assign a control number		
Syntax Notes:			
Semantic Notes:			
Comments:	1	The transaction set identifier (ST01) is intended for use by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ST01	143	**Transaction Set Identifier Code**	M ID 3/3
			Code uniquely identifying a Transaction Set	
			840 X12.7 Request for Quotation	
Must Use	ST02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number assigned by the originator for a transaction set.	

Segment:		**BQT** Beginning Segment for Request for Quotation			

Segment: **BQT** Beginning Segment for Request for Quotation

Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a Request for Quotation Transaction Set and transmit identifying numbers and dates
Syntax Notes: 1 If BQT05 is present, then BQT04 is required.
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	BQT01	353	**Transaction Set Purpose Code**	**M**	**ID 2/2**

Code identifying purpose of transaction set

Use code 00 for all original transactions; code 01 when cancelling an electronic RFQ; code 02 when adding data to an RFQ; code 03 when deleting data from an RFQ; code 04 when changing data on an RFQ; code 07 when sending a duplicate RFQ.

00	Original	

00 IS USED FOR ALL ORIGINAL SACONS TRANSACTIONS

01	Cancellation	

01 IS USED FOR A CANCELLED ELECTRONIC RFQ

Must Use	BQT02	586	**Request for Quote Reference Number**	**M**	**AN 1/45**

Number assigned by the purchaser to identify his request for quote

RFQ NUMBER AS ASSIGNED BY CONTRACTING OFFICE

Must Use	BQT03	652	**Request Quotation Control Date**	**M**	**DT 6/6**

Date to be used for reference purposes in an RFQ and a response to RFQ.

RFQ ISSUED DATE AS ASSIGNED BY CONTRACTING OFFICE

	BQT04	374	**Date/Time Qualifier**	**C**	**ID 3/3**

Code specifying type of date or time, or both date and time

106	Required By	

106 IS USED FOR ALL TRANSACTIONS

	BQT05	373	**Date**	**O**	**DT 6/6**

Date (YYMMDD)

RFQ PROPOSAL/BID DUE DATE AS ASSIGNED BY CONTRACTING OFFICE

Not Used **BQT06** **92** **Purchase Order Type Code** **O** **ID 2/2**

Code specifying the type of Purchase Order

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used **BQT07** **960** **Request for Quote Type Code** **O** **ID 2/2**

Code specifying the type of request for quote

Refer to 003010 Data Element Dictionary for acceptable code values.

Segment: # NTE Note/Special Instruction

Position:	030
Loop:	
Level:	Heading
Usage:	Floating
Max Use:	100
Purpose:	To transmit information in a free-form format, if necessary, for comment or special instruction
Syntax Notes:	
Semantic Notes:	
Comments:	1 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.
Notes:	*The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the "NTE" segment should therefore be avoided, if at all possible, in an automated environment.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
	NTE01	363	Note Reference Code	O	ID 3/3
			Code identifying the functional area or purpose for which the note applies		
			GEN IS USED TO INDICATE THAT NOTES REFER TO ENTIRE TRANSACTION SET		
			GEN Entire Transaction Set		
Must Use	NTE02	3	Free Form Message	M	AN 1/60
			Free-form text		
			FREE FORM TEXT COMES FROM EITHER A COMMENTS FIELD IN APPLICATION OR A CONTINUATION PAGE LINKED TO APPLICATION - OR, FROM BOTH. ALL COMMENTS WILL BE PLACED IN THE FREE FORM MESSAGE SEGMENT		

Segment:	**REF** Reference Numbers
Position:	050
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying numbers.
Syntax Notes:	1 At least one of REF02 or REF03 is required.
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	**Reference Number Qualifier**	M ID 2/2

Code qualifying the Reference Number.

Use code RQ for the purchase request number; use code IL for the requisition (MILSTRIP document) number; use code ZZ for master solicitation cite.

| | | 65 | Total Order Cycle Number | |

RFQ NUMBER AS ASSIGNED BY CONTRACTING OFFICE IS USED IN REF02

| | | DS | Defense Priorities Allocation System (DPAS) Priority Rating | |

RFQ RATING AS ASSIGNED BY CONTRACTING OFFICE IS USED IN REF02

| | | RQ | Purchase Requisition No. | |

PR NUMBER AS ASSIGNED BY CONTRACTING OFFICE IS USED IN REF02

| | REF02 | 127 | **Reference Number** | C   AN 1/30 |

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

RFQ NUMBER, PR NUMBER, RFQ RATING AS INDICATED BY QUALIFIER IN REF01

| Not Used | REF03 | 352 | **Description** | C   AN 1/80 |

A free-form description to clarify the related data elements and their content

Segment:		**PER** Administrative Communications Contact				

Segment: **PER** Administrative Communications Contact

Position:	060
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	3
Purpose:	To identify a person or office to whom administrative communications should be directed
Syntax Notes:	**1** If PER03 is present, then PER04 is required.
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	**PER01**	**366**	**Contact Function Code**		**M**	**ID 2/2**
			Code identifying the major duty or responsibility of the person or group named			
			SF 18 Block 5b.			
			IC	Information Contact		
Must Use	**PER02**	**93**	**Name**		**O**	**AN 1/35**
			Free-form name			
			BUYER'S NAME AND BUYER'S APPLICATION ID NUMBER			
Must Use	**PER03**	**365**	**Communication Number Qualifier**		**O**	**ID 2/2**
			Code identifying the type of communication number			
			Use any code, although code EM is preferred.			
			TE	Telephone		
				TE USED TO INDICATE THAT BUYER CAN BE CONTACTED BY TELEPHONE		
	PER04	**364**	**Communication Number**		**C**	**AN 7/21**
			Complete communications number including country or area code when applicable			
			BUYER'S PHONE NUMBER			

	Segment:	**FOB** F.O.B. Related Instructions
	Position:	080
	Loop:	
	Level:	Heading
	Usage:	Optional
	Max Use:	1
	Purpose:	To specify transportation instructions relating to shipment
	Syntax Notes:	

Syntax Notes:
1. If FOB03 is present, then FOB02 is required.
2. If FOB04 is present, then FOB05 is required.
3. If FOB07 is present, then FOB06 is required.
4. If FOB08 is present, then FOB09 is required.

Semantic Notes:

Comments:
1. FOB01 indicates which party will pay the carrier.
2. FOB02 is the code specifying transportation responsibility location.
3. FOB06 is the code specifying title passage location.
4. FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	FOB01	146	**Shipment Method of Payment**	M	ID 2/2

Code identifying payment terms for transportation charges

	DF	Defined by Buyer and Seller
		USED AS SPECIFIED

	Ref. Des.	Data Element	Name	Attributes	
Must Use	FOB02	309	**Location Qualifier**	C	ID 1/2

Code identifying type of location

Use code ZZ to qualify an "other" FOB point.

	DE	Destination (Shipping)
		USED AS SPECIFIED
	OR	Origin (Shipping Point)
		USED AS SPECIFIED
	ZZ	Mutually Defined
		USED AS SPECIFIED

	Ref. Des.	Data Element	Name	Attributes	
Not Used	FOB03	352	**Description**	O	AN 1/80

A free-form description to clarify the related data elements and their content

	Ref. Des.	Data Element	Name	Attributes	
Not Used	FOB04	334	**Transportation Terms Qualifier Code**	O	ID 2/2

Code identifying the source of the transportation terms

Refer to 003010 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name	Attributes	
Not Used	FOB05	335	**Transportation Terms Code**	C	ID 3/3

Code identifying the trade terms which apply to the shipment transportation responsibility

Refer to 003010 Data Element Dictionary for acceptable code values.

| Not Used | FOB06 | 309 | **Location Qualifier** | C | **ID 1/2** |

Code identifying type of location

Refer to 003010 Data Element Dictionary for acceptable code values.

| Not Used | FOB07 | 352 | **Description** | O | **AN 1/80** |

A free-form description to clarify the related data elements and their content

| Not Used | FOB08 | 54 | **Risk of Loss Qualifier** | O | **ID 2/2** |

Code specifying where responsibility for risk of loss passes

Refer to 003010 Data Element Dictionary for acceptable code values.

| Not Used | FOB09 | 352 | **Description** | C | **AN 1/80** |

A free-form description to clarify the related data elements and their content

Segment: # DTM Date/time/period

Position:	150
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of DTM02 or DTM03 is required.
Semantic Notes:	
Comments:	
Notes:	*Required delivery date will be provided in the segment as an actual date or in the LDT segment as a set number of calendar days after receipt of order. If the latter is used, omit the segment.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	DTM01	374	Date/Time Qualifier	M	ID 3/3

Code specifying type of date or time, or both date and time

1. Use code 002 when the date in DTM02 is the "deliver by" date, and applies to the whole order unless the delivery date is defined in segment LDT.
2. If the delivery date applies to the line item level, it will be specified in the DTM or SCH segment in Table 2, unless the delivery is defined in the LDT segment in Table 2.

    002   Delivery Requested
             USED AS SPECIFIED

	Ref. Des.	Data Element	Name	Attributes	
	DTM02	373	Date	C	DT 6/6

Date (YYMMDD)

REQUIRED DELIVERY DATE

	Ref. Des.	Data Element	Name	Attributes	
Not Used	DTM03	337	Time	C	TM 4/4

Time expressed in 24-hour clock time (HHMM) (Time range: 0000 through 2359)

	Ref. Des.	Data Element	Name	Attributes	
Not Used	DTM04	623	Time Code	O	ID 2/2

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

Refer to 003010 Data Element Dictionary for acceptable code values.

			Segment:	**N9** Reference Number

Segment: **N9** Reference Number

Position: 290
Loop: N9   Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To transmit identifying numbers and descriptive information as specified by the reference number qualifier
Syntax Notes: 1   At least one of N902 or N903 is required.
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N901	128	**Reference Number Qualifier**	M ID 2/2

Code qualifying the Reference Number.

1. When N901 is code CJ, carry the clause number in N902.
2. If the clause source is other than the FAR, indicate the source in N903.
3. Use code ZZ for representations and certifications. If code ZZ is used, insert the number of the certification or representation required to be made in any quote in response to this RFQ. Explanations can be carried in N903.

CJ   Clause Number
USED AS SPECIFIED

	N902	127	**Reference Number**	C AN 1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.
CLAUSE NUMBER

	N903	369	**Free-form Description**	C AN 1/45

Free-form descriptive text
CLAUSE TITLE IF AVAILABLE

Not Used	N904	373	**Date**	O DT 6/6

Date (YYMMDD)

Not Used	N905	337	**Time**	O TM 4/4

Time expressed in 24-hour clock time (HHMM) (Time range: 0000 through 2359)

Segment: **MSG** Message Text

Position:	300
Loop:	N9 Optional
Level:	Heading
Usage:	Optional
Max Use:	1000
Purpose:	To provide a free form format that would allow the transmission of text information.
Syntax Notes:	
Semantic Notes:	
Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	MSG01	933	**Free-Form Message Text**	M	AN 1/264
			Free-form message text		
			CLAUSE TITLE, CONTINUED OR CLAUSE TEXT		
Not Used	MSG02	934	**Printer Carriage Control Code**	O	ID 2/2
			A field to be used for the control of the line feed of the receiving printer		
			Refer to 003010 Data Element Dictionary for acceptable code values.		

Segment:	**N1** Name		
Position:	310		
Loop:	N1 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	1		
Purpose:	To identify a party by type of organization, name, and code		
Syntax Notes:	1	At least one of N102 or N103 is required.	
	2	If either N103 or N104 is present, then the other is required.	
Semantic Notes:			
Comments:	1	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.	
Notes:	*Addresses are typically defined using N101, N103 and N104. N102 and N2-N4 should be used when the ship to addressee cannot be described with a zip code.*		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**N101**	**98**	**Entity Identifier Code**	**M ID 2/2**
			Code identifying an organizational entity or a physical location.	
			ST Ship To	
			USED AS SPECIFIED	
	N102	**93**	**Name**	**C AN 1/35**
			Free-form name	
			SHIP TO ADDRESS	
	N103	**66**	**Identification Code Qualifier**	**C ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)	
			16 ZIP Code	
	N104	**67**	**Identification Code**	**C ID 2/17**
			Code identifying a party.	
			ZIP CODE	

Segment: # N3 Address Information

Position:	330
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	2
Purpose:	To specify the location of the named party
Syntax Notes:	
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N301	166	**Address Information**	M AN 1/35
			Address information	
			ADDRESS LINE	
	N302	166	**Address Information**	O AN 1/35
			Address information	
			ADDRESS LINE	

Segment:	# N4 Geographic Location

Position: 340
Loop: N1   Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1   At least one of N401 or N405 is required.
              2   If N401 is present, then N402 is required.
              3   If either N405 or N406 is present, then the other is required.
Semantic Notes:
Comments: 1   A combination of either N401 through N404, or N405 and N406 may be
              adequate to specify a location.
           2   N402 is required only if city name (N401) is in the USA or Canada.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	N401	**19**	**City Name**	**C**	**AN 2/19**
			Free-form text for city name		
			CITY NAME		
	N402	**156**	**State or Province Code**	**C**	**ID 2/2**
			Code (Standard State/Province) as defined by appropriate government agency		
			STATE ABBREVIATION		
	N403	**116**	**Postal Code**	**O**	**ID 4/9**
			Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
			ZIP CODE		
Not Used	**N404**	**26**	**Country Code**	**O**	**ID 2/2**
			Code identifying the country		
Not Used	**N405**	**309**	**Location Qualifier**	**C**	**ID 1/2**
			Code identifying type of location		
			Refer to 003010 Data Element Dictionary for acceptable code values.		
Not Used	**N406**	**310**	**Location Identifier**	**C**	**AN 1/25**
			Code which identifies a specific location		

Segment:	**PO1** Purchase Order Baseline Item Data			

Position: 010
Loop: PO1   Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify basic and most frequently used purchase order line item data

Syntax Notes:
1   If PO105 is present, then PO104 is required.
2   If PO106 is present, then PO107 is required.
3   If PO108 is present, then PO109 is required.
4   If PO110 is present, then PO111 is required.
5   If PO112 is present, then PO113 is required.
6   If PO114 is present, then PO115 is required.
7   If PO116 is present, then PO117 is required.
8   If PO118 is present, then PO119 is required.
9   If PO120 is present, then PO121 is required.
10   If PO122 is present, then PO123 is required.
11   If PO124 is present, then PO125 is required.

Semantic Notes:

Comments:
1   See the Data Dictionary for a complete list of ID's.
2   PO101 is the line item identification.
3   PO106 through PO125 provide for ten (10) different product/service ID's per each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	PO101	**350**	**Assigned Identification**	**O**	**AN 1/6**
			Alphanumeric characters assigned for differentiation within a transaction set		
			LINE ITEM #		
Must Use	**PO102**	**330**	**Quantity Ordered**	**M**	**R 1/9**
			Quantity ordered		
			Quantity of zero is valid for line items with CLINSs & SubCLINs.		
Must Use	**PO103**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**
			Code identifying the basic unit of measurement.		
			UNIT OF MEASURE CODE		
			Refer to 003010 Data Element Dictionary for acceptable code values.		
Not Used	**PO104**	**212**	**Unit Price**	**C**	**R 1/14**
			Price per unit of product, service, commodity, etc.		
Not Used	**PO105**	**639**	**Basis of Unit Price Code**	**O**	**ID 2/2**
			Code identifying the type of unit price for an item		

Refer to 003010 Data Element Dictionary for acceptable code values.

	PO106	235	**Product/Service ID Qualifier**	O	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

FT   Federal Supply Classification

USED AS SPECIFIED

	PO107	234	**Product/Service ID**	C	AN 1/30

Identifying number for a product or service

FEDERAL SUPPLY CLASS (4 DIGITS) USED

Not Used	PO108	235	**Product/Service ID Qualifier**	O	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	PO109	234	**Product/Service ID**	C	AN 1/30

Identifying number for a product or service

Not Used	PO110	235	**Product/Service ID Qualifier**	O	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	PO111	234	**Product/Service ID**	C	AN 1/30

Identifying number for a product or service

Not Used	PO112	235	**Product/Service ID Qualifier**	O	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	PO113	234	**Product/Service ID**	C	AN 1/30

Identifying number for a product or service

Not Used	PO114	235	**Product/Service ID Qualifier**	O	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	PO115	234	**Product/Service ID**	C	AN 1/30

Identifying number for a product or service

Not Used	PO116	235	**Product/Service ID Qualifier**	O	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	PO117	234	**Product/Service ID**	C	AN 1/30

Identifying number for a product or service

Not Used	PO118	235	**Product/Service ID Qualifier**	O	ID 2/2

Code identifying the type/source of the descriptive number used in

Product/Service ID (234)

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	**PO119**	**234**	**Product/Service ID**	**C**	**AN 1/30**

Identifying number for a product or service

Not Used	**PO120**	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	**PO121**	**234**	**Product/Service ID**	**C**	**AN 1/30**

Identifying number for a product or service

Not Used	**PO122**	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	**PO123**	**234**	**Product/Service ID**	**C**	**AN 1/30**

Identifying number for a product or service

Not Used	**PO124**	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003010 Data Element Dictionary for acceptable code values.

Not Used	**PO125**	**234**	**Product/Service ID**	**C**	**AN 1/30**

Identifying number for a product or service

Segment:	**PID** Product/Item Description
Position:	050
Loop:	PID Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	1 If PID04 is present, then PID03 is required.
	2 At least one of PID04 or PID05 is required.
Semantic Notes:	
Comments:	1 When PID01 is "F", PID04 is not used.
	2 Use PID03 to indicate the organization that publishes the code list being referred to.
	3 PID04 should be used for industry-specific product description codes.
	4 Use PID06 when necessary to refer to the product surface or layer being described in the segment.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	PID01	349	**Item Description Type**	M	**ID 1/1**
			Code indicating the format of a description		
			F Free-form		
			USED AS SPECIFIED		
Not Used	PID02	750	**Product/Process Characteristic Code**	O	**ID 2/3**
			Code specifying the product or process characteristic being described.		
			Refer to 003010 Data Element Dictionary for acceptable code values.		
Not Used	PID03	559	**Agency Qualifier Code**	C	**ID 2/2**
			Code identifying the agency assigning the code values		
			Refer to 003010 Data Element Dictionary for acceptable code values.		
Not Used	PID04	751	**Product Description Code**	C	**ID 1/12**
			A code from an industry code list which provides specific data about a product characteristic		
	PID05	352	**Description**	C	**AN 1/80**
			A free-form description to clarify the related data elements and their content		
			LINE ITEM DESCRIPTION		
Not Used	PID06	752	**Surface/Layer/Position Code**	O	**ID 2/2**
			Code indicating the product surface, layer or position that is being described		
			Refer to 003010 Data Element Dictionary for acceptable code values.		

Segment:	**CTT** Transaction Totals				
Position:	010				
Loop:					
Level:	Summary				
Usage:	Mandatory				
Max Use:	1				
Purpose:	To transmit a hash total for a specific element in the transaction set				
Syntax Notes:	**1**	If CTT03 is present, then CTT04 is required.			
	2	If CTT05 is present, then CTT06 is required.			
Semantic Notes:					
Comments:	**1**	This segment is intended to provide hash totals to validate transaction completeness and correctness.			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	CTT01	354	**Number of Line Items**	M	N0 1/6
			Total number of line items in the transaction set		
			TOTAL NUMBER OF LINE ITEMS INCLUDED IN TRANSACTION SET		
Not Used	CTT02	347	**Hash Total**	O	R 1/10
			Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.		
			Example:		
			-.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ------- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.		
Not Used	CTT03	81	**Weight**	O	R 1/8
			Numeric value of weight		
Not Used	CTT04	355	**Unit or Basis for Measurement Code**	C	ID 2/2
			Code identifying the basic unit of measurement.		
			Refer to 003010 Data Element Dictionary for acceptable code values.		
Not Used	CTT05	183	**Volume**	O	R 1/8
			Value of volumetric measure		
Not Used	CTT06	355	**Unit or Basis for Measurement Code**	C	ID 2/2
			Code identifying the basic unit of measurement.		
			Refer to 003010 Data Element Dictionary for acceptable code values.		
Not Used	CTT07	352	**Description**	O	AN 1/80

A free-form description to clarify the related data elements and their content

Segment: **SE** **Transaction Set Trailer**

Position:	020
Loop:	
Level:	Summary
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).
Syntax Notes:	
Semantic Notes:	
Comments:	1 SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	SE01	96	**Number of Included Segments**	M	N0 1/6
			Total number of segments included in a transaction set including ST and SE segments		
Must Use	SE02	329	**Transaction Set Control Number**	M	AN 4/9
			Identifying control number assigned by the originator for a transaction set.		
			This is the same number as the one in ST02.		